



Black & Decker

OWNER'S MANUAL

DISC SANDERS

CAT. NOS. 4044-09, 4054-09, 4055-09, 4056-09,
6102-09, 6105-09, 6106-09

SAFETY RULES FOR SANDERS AND GRINDERS

1. Always wear safety goggles or other eye protection when using this tool.
2. Always use accessories that are marked "OK" under the catalog number of your tool as listed on page 6. Use of accessories not compatible with those listed for a particular tool are not recommended and might be hazardous.
3. Before attaching any wheel, check its manufacturer's specifications and be sure that its safe operating speed is higher than the no-load speed of the tool as shown on the nameplate.
4. Before using, inspect each grinding wheel for cracks or flaws. If such a crack or flaw is evident—discard the wheel! The wheel should also be inspected whenever you think the tool may have been dropped.
5. When starting the tool (with a new or replacement wheel installed) hold the tool in a well protected area. If the wheel has an undetected crack or flaw, it should burst in less than one minute. Never start the tool with a person in line with the wheel. This includes the operator.
6. In operation, avoid bouncing the wheel or giving it rough treatment. If this occurs, stop the tool and inspect the wheel.
7. Always use guards with depressed-center or flaring cup grinding wheels.
8. Clean your tool out periodically following the procedure in the maintenance section.

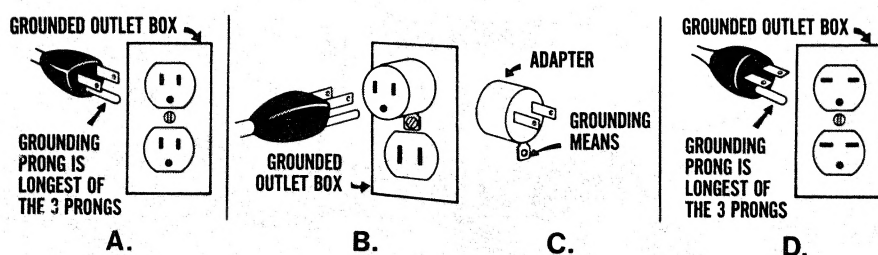
IMPORTANT INFORMATION

SAFETY RULES FOR POWER TOOLS

1. **KNOW YOUR POWER TOOL** — Read owner's manual carefully. Learn its applications and limitations as well as the specific potential hazards peculiar to this tool.
2. **GROUND ALL TOOLS — UNLESS DOUBLE-INSULATED.** If tool is equipped with three-prong plug, it should be plugged into a three-hole electrical receptacle. If adapter is used to accommodate two-prong receptacle, the adapter wire must be attached to a **known ground**. **Never** remove third prong.
3. **KEEP GUARDS IN PLACE** and in working order.
4. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite accidents.
5. **AVOID DANGEROUS ENVIRONMENT.** Don't expose power tools to rain. Don't use power tool in damp or wet locations. And keep work area well lit.
6. **KEEP CHILDREN AWAY.** All visitors should be kept safe distance from work area.
7. **STORE IDLE TOOLS.** When not in use, tools should be stored in dry, high or locked-up place — out of reach of children.
8. **DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was designed.
9. **USE RIGHT TOOL.** Don't force small tool or attachment to do the job of a heavy duty tool.
10. **WEAR PROPER APPAREL.** No loose clothing or jewelry to get caught in moving parts. Rubber gloves and footwear are recommended when working outdoors.
11. **USE SAFETY GLASSES** with most tools. Also face or dust mask if cutting operation is dusty.
12. **DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil and sharp edges.
13. **SECURE WORK.** Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
14. **DON'T OVERREACH.** Keep proper footing and balance at all times.
15. **MAINTAIN TOOLS WITH CARE.** Keep tools sharp at all times, and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
16. **DISCONNECT TOOLS.** When not in use, before servicing; when changing accessories such as blades, bits, cutters, etc.
17. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
18. **AVOID ACCIDENTAL STARTING.** Don't carry plugged-in tool with finger on switch. Be sure switch is off when plugging in.
19. **OUTDOOR USE EXTENSION CORDS** — When tool is used outdoors, use only extension cords suitable for use outdoors and so marked.
20. **DO NOT OPERATE** portable electric tools in gaseous or explosive atmospheres. Motors in these tools normally spark, and the sparks might ignite fumes.

GROUNDING

This tool should be grounded while in use to protect the operator from electric shock. The tool is equipped with an approved three-conductor cord and three-prong grounding type plug to fit the proper grounding type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. Never connect the green (or green and yellow) wire to a live terminal. If your unit is for use on less than 150 volts, it has a plug like that shown in Figure A. If it is for use on 150 to 250 volts, it has a plug like that shown in Figure D. An adapter, Figures B and C, is available for connecting Figure A plugs to two-prong receptacles. The green-colored rigid ear, lug, etc., must be connected to a permanent ground such as a properly grounded outlet box. No adapter is available for a plug as shown in Figure D. Adapter shown in Figures B & C is not for use in Canada.



We recommend that you NEVER disassemble the tool or try to do any rewiring in the electrical system. Any such repairs should be performed only by B&D Service Centers or other qualified service organizations. Should you be determined to make a repair yourself, remember that the green colored wire is the "grounding" wire. Never connect this green wire to a "live" terminal. If you replace the plug on the power cord, be sure to connect the green wire only to the grounding (longest) prong on a 3-prong plug.

If you use an extension cord, be sure that it is a 3-conductor, grounding type cord. Grounding must be continuous from the tool plug to the grounded receptacle.

MOTOR

Your tool is powered by a Black & Decker built motor. Be sure your power supply agrees with nameplate marking. **VOLTS 50/60 Hz** means **Alternating Current ONLY**. **VOLTS DC-60 Hz** means it will also operate on **Direct Current**. Voltage variation of more than 10% will cause loss of power and over-heating. All B&D tools are factory-tested; if this tool does not operate, check the power supply.

EXTENSION CORD

When using the tool at a considerable distance from power source, a 3-conductor, grounding-type extension cord of **adequate size** must be used for **safety**, and to prevent loss of power and over-heating. Use the table below to determine the minimum wire size required.

Use only three wire extension cords which have three-prong grounding-type plugs and three-pole receptacles which accept the tool's plug. Replace or repair damaged cords.

Ampere rating (on nameplate)	0 to 2.0	2.10 to 3.4	3.5 to 5.0	5.10 to 7.0	7.10 to 12.0	12.1 to 16.0
Ext. Cable length	Wire Size (A.W.G.)					
25 ft.	18	18	18	18	16	14
50 ft.	18	18	18	16	14	12
75 ft.	18	18	16	14	12	10
100 ft.	18	16	14	12	10	—
150 ft.	16	14	12	12	—	—
200 ft.	16	14	12	10	—	—

CONTROLS

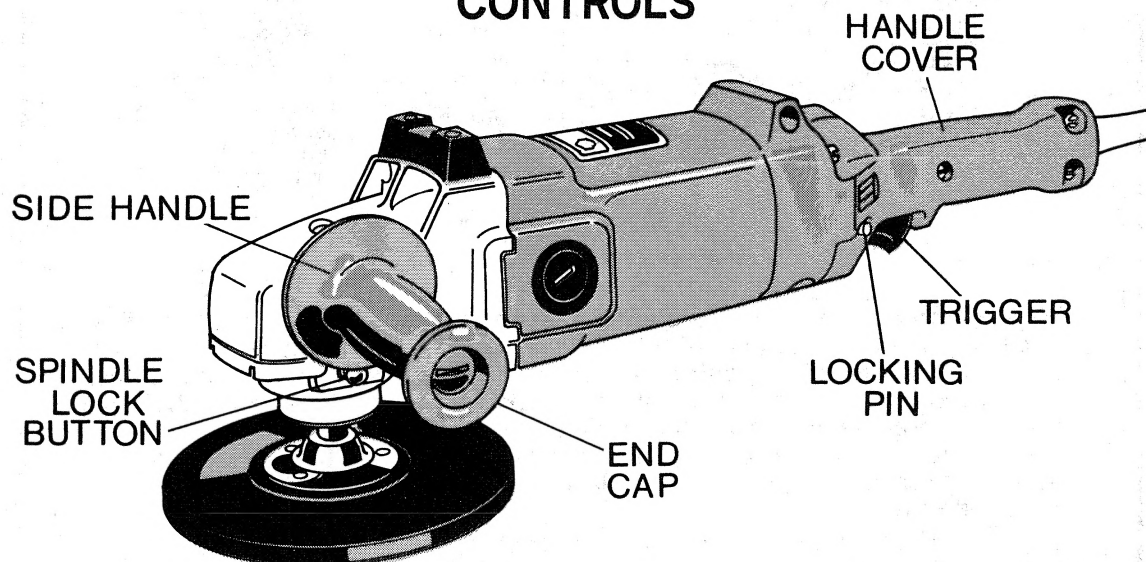


Fig. 4

Trigger: To start tool, depress trigger; to stop tool, release trigger. To lock trigger in "ON" position for continuous operation, depress trigger, push in locking pin and then release trigger. To release locking mechanism, depress and release trigger.
CAUTION: Grasp tool firmly with both hands before starting tool.

Side Handle: May be attached to either side of tool for left or right handed operation. To attach Handle, turn **End Cap** to engage the bolt in the threaded hole on either side of the tool. Hold **Side Handle** so that its squared end will properly engage the socket on the side of the tool as the bolt is tightened.

Spindle Lock Button: Is used to lock the spindle when changing accessories. To engage the **Lock Button:** disconnect the tool from the power supply, depress the button, and turn the spindle in a direction **opposite** to its ordinary direction of rotation until Lock Button engages spindle. **CAUTION:** Do not depress spindle lock button while unit is running.

SANDER ACCESSORIES

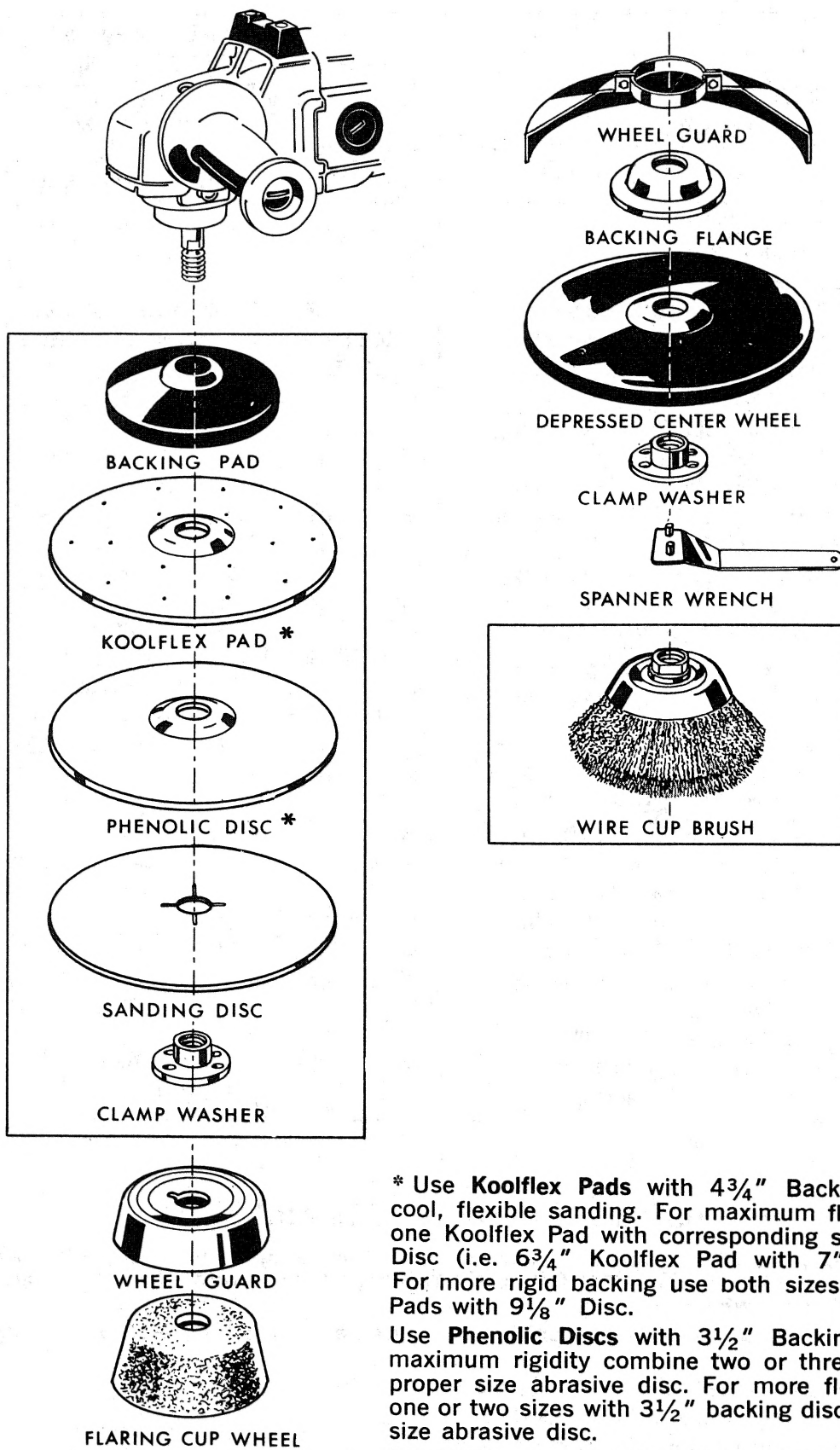


Fig. 5

* Use **Kooflex Pads** with $4\frac{3}{4}$ " Backing Pad for cool, flexible sanding. For maximum flexibility use one Kooflex Pad with corresponding size Abrasive Disc (i.e. $6\frac{3}{4}$ " Kooflex Pad with 7" Disc). For more rigid backing use both sizes of Kooflex Pads with $9\frac{1}{8}$ " Disc.

Use **Phenolic Discs** with $3\frac{1}{2}$ " Backing Pad. For maximum rigidity combine two or three sizes and proper size abrasive disc. For more flexibility use one or two sizes with $3\frac{1}{2}$ " backing disc and proper size abrasive disc.

DO NOT use a Kooflex Pad and a Phenolic Disc on the tool at the same time.

CAUTION: See table on next page for proper sizes of accessories to use with your Sander. Use only accessories that are marked "OK" under catalog number of your tool. Instructions for attaching accessories are on pages to follow.

CATALOG NO.	BLACK & DECKER ACCESSORIES	CAT. NO. → RPM →	USE ONLY ACCESSORIES MARKED "OK" UNDER CAT. NO. OF YOUR TOOL				
			4055-09	4056-09	4054-09	4044-09	
			6105-09	6106-09		6102-09	
			5000	6000	4250	4800	8000
18056	4" WIRE CUP BRUSH		OK	OK	OK	OK	—
24353	5" WIRE CUP BRUSH		OK	OK	OK	—	—
12398	6" WIRE CUP BRUSH		OK	—	OK	—	—
38507	4" FLARING CUP WHEEL GUARD		THESE WHEEL GUARDS MUST BE USED WITH THE FLARING CUP WHEELS LISTED BELOW FOR SAFE OPERATION				
38508	5" FLARING CUP WHEEL GUARD						
38509	6" FLARING CUP WHEEL GUARD						
24050	4" FLARING CUP WHEEL		OK	OK	OK	OK	OK
23444	5" FLARING CUP WHEEL		OK	OK	OK	—	—
18039	6" FLARING CUP WHEEL		OK	OK	OK	—	—
37219	5" FLARING CUP WHEEL (CONCRETE)		OK	OK	OK	—	—
37220	6" FLARING CUP WHEEL (CONCRETE)		OK	OK	OK	—	—
61829	3½" BACKING PAD		OK	OK	OK	OK	—
50928	4¾" QUICK CHANGE BACKING PAD		OK	OK	OK	OK	—
50934	6½" QUICK CHANGE BACKING PAD		OK	OK	OK	OK	—
51824	7" QUICK CHANGE BACKING PAD		OK	—	OK	OK	—
50885	7" DEPRESSED CENTER WHEEL GUARD		THESE WHEEL GUARDS MUST BE USED WITH THE DEPRESSED CENTER WHEELS LISTED BELOW FOR SAFE OPERATION				
37109	9" DEPRESSED CENTER WHEEL GUARD						
52524	8500 RPM DEPRESSED CENTER WHEEL						
37111	7" X ⅛" DEPRESSED CENTER WHEEL		OK	OK	OK	OK	OK
37112	7" X ¼" DEPRESSED CENTER WHEEL		OK	OK	OK	OK	—
37113	9" X ⅛" DEPRESSED CENTER WHEEL		OK	OK	OK	—	—
37114	9" X ¼" DEPRESSED CENTER WHEEL		OK	OK	OK	—	—
57430	7" X ¼" DEPRESSED CENTER WHEEL (CONCRETE)		OK	OK	OK	—	—
31000	7" "KOOLFLEX" BACKING PAD		OK	OK	OK	OK	—
31001	9" "KOOLFLEX" BACKING PAD		OK	OK	OK	OK	—
61906	5" PHENOLIC BACKING DISC		OK	OK	OK	OK	—
61907	7" PHENOLIC BACKING DISC		OK	OK	OK	OK	—
61908	9" PHENOLIC BACKING DISC		OK	OK	OK	OK	—
33493	FEATHER-EDGING ATTACHMENT		—	—	OK	—	—

MISCELLANEOUS ACCESSORIES

No. 54338 Disc Wheel Adaptor: Includes Wheel Backing Flange, not threaded, #22191 Clamp Washer and #61820 Spanner Wrench for use with Depressed Center and "Koolie-hat" Wheels.

No. 57443 Disc Wheel Adaptor: For Depressed Center Wheel for concrete. Includes same items as above.

No. 22191 Clamp Washer: For Depressed Center Wheels.

No. 50933 Clamp Washer: For Quick-Change Pads.

No. 45925 Clamp Washer: Outside Threaded

No. 61820 Spanner Wrench: For Clamp Washers

No. 60541 Gear Grease (1 lb. can)

No. 21808 Disc Trimmer: Cuts discs down to smaller sizes as the outer edges are worn out. Takes discs of 9⅞" maximum diameter and either ⅞" or ½" center hole; trims down to 3" diameter. **No. 21753 Replacement Cutter.**

OPERATION

GENERAL

Without turning tool on, grasp the handles of the tool and pick the tool up, keeping the sanding disc or grinding wheel away from your body. Make sure that you have a firm grip on the handles and turn tool "ON". Operate tool without forced effort or unnecessary pressure.

To produce smooth, continuous coverage of the work, advance the tool along the work while using a long, sweeping, back and forth motion. To avoid gouging or removing more material than desired, do not hold the tool in one spot. To avoid leaving swirls on the work, do not use a spiral or circular motion.

ACCESSORIES

CAUTION: Accessories for use with your Sander are specified on page 6. The use of accessories not listed for a particular tool is not recommended and may be hazardous.

To Install Sanding Discs:

- 1) Place Quick-Change Pad and sanding disc on spindle of tool.
- 2) Screw the Clamp Washer PARTIALLY onto the spindle. (Fig. 7).
- 3) Raise the pad and sanding disc so that the hexagonal exterior of the Clamp Washer engages the hexagonal hub of the Quick-Change Pad.
- 4) With one hand, depress the spindle lock button and hold the button in. Grasp the pad and sanding disc with the other hand, and turn by hand to tighten the entire assembly (Fig. 8).

To remove pad and disc, turn pad and spindle in the direction shown in Fig. 8 to engage Spindle Lock Button, grasp the pad and disc and turn the pad and disc assembly in the opposite direction.

For maximum efficiency, the tool must be positioned so that the sanding disc is at the proper angle to the work. Fig. 9 (marked "RIGHT") illustrates how the tool is tipped slightly in order to let the maximum amount of abrasive contact the work without affecting the smoothness of the sanding action. Fig. 10 and Fig. 11 (marked "WRONG") show incorrect positions which allow either too little or too much abrasive contact. If only the outer edge of the sanding disc is used (as in Fig. 10), a rough cut surface will result. If the sanding disc is pressed flat against the work (as in Fig. 11), the cutting action will be irregular and bumpy, and the tool will be difficult to control.

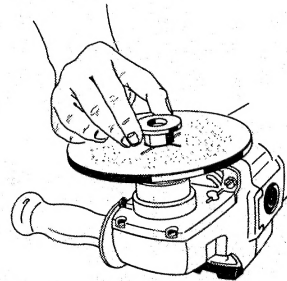


Fig. 7

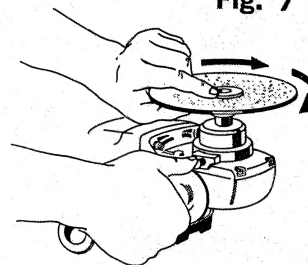


Fig. 8

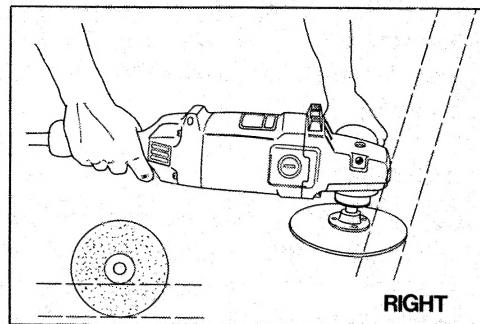


Fig. 9

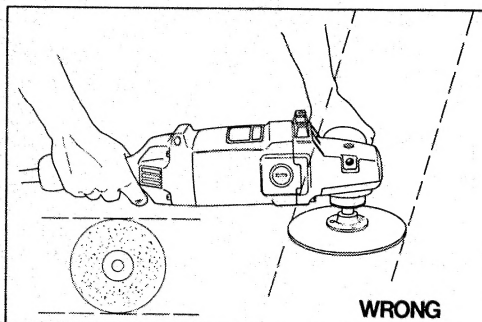


Fig. 10

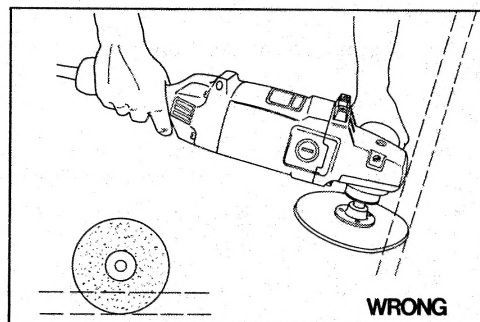


Fig. 11

OPERATION (Continued)

GRINDING WITH DEPRESSED-CENTER GRINDING WHEELS

Depressed Center Grinding Wheels may be used with the proper Guard Assembly for moderate metal removal on flat or contoured surfaces.

CAUTION:

See Page 6 for proper application of Depressed Center Grinding Wheels and Guards with your tool. The 8000 RPM Grinder uses **ONLY** Depressed Center Grinding Wheels rated at 8500 RPM and above (Cat. No. 52524). Use of wheels other than those listed on page 6 for a particular tool is not recommended and may be hazardous. Never use Depressed Center Grinding Wheels without the proper guard.

To install Depressed Center Grinding Wheels:

- 1) Be sure tool is disconnected from power supply and switch is in "OFF" position.
- 2) Be sure that Guard Assembly is securely attached to the spindle housing.
- 3) Put the Backing Flange onto the tool spindle.
- 4) Check rated speed on Depressed Center Wheel. **Never** use wheel with rated speed lower than the speed on the nameplate of the tool.
- 5) Place the Depressed Center Wheel on the tool spindle.
- 6) Thread the Clamp Washer on tool spindle, engage Spindle Lock, and tighten Clamp Washer with Spanner Wrench.

When using a Depressed Center Wheel, hold the tool so that an angle of 30° to 45° exists between the wheel and the work. See Fig. 13.

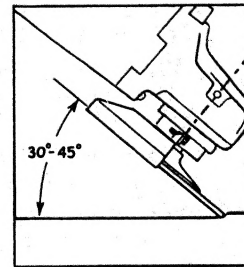


Fig. 13

GRINDING WITH FLARING CUP GRINDING WHEELS

Use Flaring Cup Wheels for heavy metal removal or on flat areas. A 5/8"-11 thread bushing in the wheel threads directly on the Sander spindle. Flaring Cup Wheel Guards provide maximum safety when using Flaring Cup Wheels. Guard fits snugly over Wheel. Guard revolves with the Wheel and should be used only with threaded bushing type Wheels.

CAUTION:

See page 6 for proper application of Flaring Cup Wheels and Guards with your tool. The 8000 RPM Grinder uses **ONLY** Flaring Cup Wheels rated at 8500 RPM and above (Cat. No. 24050). Use of wheels other than those listed on page 6 for a particular tool is not recommended and may be hazardous. **Never** use Flaring Cup Wheels without the proper Guard.

To attach Wheel and Guards:

- 1) Disconnect tool from power supply.
- 2) Check rated speed of Flaring Cup Wheel. **Never** use a wheel with rated speed lower than the speed on the tool nameplate.
- 3) Engage the Spindle Lock.
- 4) Thread Flaring Cup Wheel (with Wheel Guard) on the spindle. Be sure that wheel is firmly and completely threaded on spindle.

OPERATION (Continued)

FLARING CUP GRINDING WHEELS (Cont.)

When grinding, tilt tool slightly—do not hold Wheel perfectly flat against the work. Avoid bouncing the Wheel or giving it rough treatment, since cracks might develop which would cause the Wheel to fly apart. Always check the Wheel for cracks before using it, especially if tool may have been dropped. Always use a Wheel Guard.

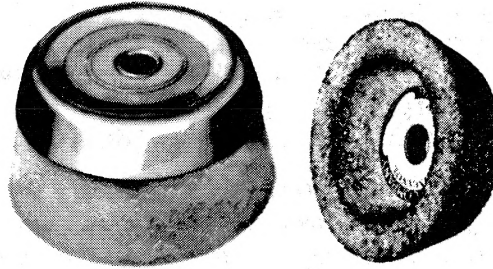


Fig. 14

USE OF WIRE CUP BRUSHES

Use Wire Cup Brushes for removing rust, scale, old paint, etc.

CAUTION: See page 6 for proper application of Wire Cup Brushes with your tool. Use of brushes other than those listed on page 6 for a particular tool is not recommended and may be hazardous.

To attach:

- 1) Disconnect tool from power supply.
- 2) Check rated speed of Wire Cup Brush. **Never** use a brush with rated speed lower than the speed on the tool nameplate.
- 3) Engage the Spindle Lock.
- 4) Thread Brush firmly onto spindle up against spindle shoulder. Be careful not to run strands of wire into your hand. A heavy rag or flat wrench may be used when tightening the Brush on the spindle.

For best operating results, the tool should be tipped slightly and used with a back and forth sweeping motion along the surface of the work.

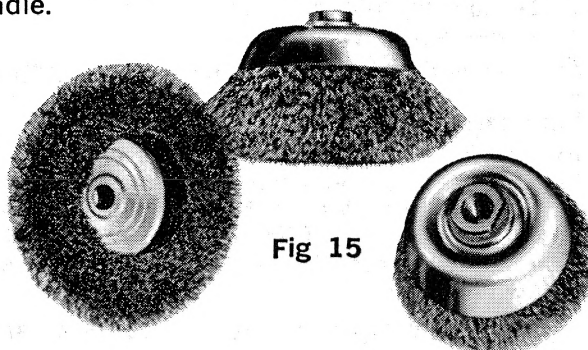


Fig 15

MAINTENANCE OF TOOL

See Figure 16

To assure product safety and reliability, repairs, maintenance and adjustment (other than listed below) should be performed by Black & Decker Service Centers or other qualified service organizations, always using Black & Decker replacement parts.

Cleaning:

The air intake openings in the handle should be kept free and clear of dust and dirt by blowing through them occasionally with an air hose. If more thorough cleaning within the motor housing is required, follow the disassembly procedure outlined below.

CAUTION: Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool. Use clean, dry rag only.

Disassembly of Unit for Cleaning

- 1) Disconnect tool from power supply.
- 2) Remove handle cover. (See Figure 4).
- 3) Remove Brush Caps, Brush Assemblies and Brass Inserts. (See Figure 16).
- 4) Remove the (4) screws holding the Gear Case-Armature Assembly to the Field Case.
- 5) Pry Gear Case-Armature Assembly out of Field Case.
- 6) Remove Gear Case-Armature Assembly from Field Case avoiding force when pulling green Ground Wire through Field Case. Guide green Ground Wire on handle end of Field Case as required.

Assembly Procedure

- 1) Ground Wire must be securely connected to the Gear Case-Armature Assembly.
- 2) Position Baffle in the Field Case. Note: Two locating pins on the Baffle engage holes in the Field Case and the green Ground Wire must be in the notch in the outer edge of the Baffle.
- 3) Pull green Ground Wire on handle end of Field Case while Gear Case-Armature Assembly is inserted into Field Case. No slack wire may remain in the Gear Case or the Field Case.
- 4) Tuck excess Ground Wire into space between Field Case and Handle.
- 5) Replace Gear Case-Armature Assembly mounting screws (4).
- 6) Replace Handle Cover.
- 7) Replace Brass Inserts, Brush Assembly and Brush Caps.

Brushes:

Inspect carbon brushes often. Replace when brushes are worn down to the identifying groove or when spring exerts insufficient pressure to hold brush against commutator. Keep brushes clean and sliding free in guides.

To remove brushes:

- 1) Disconnect tool from power supply.
- 2) Remove Brush Cap.
- 3) Pry sheet metal cap on Brush Assembly off of brass Insert.

Lubrication:

Except for the needle roller bearings used at the upper end of the spindle, closed-type, grease-sealed ball bearings are used throughout. These bearings have sufficient lubrication packed in them at the factory to last the life of the bearing. The needle bearings mentioned above receive their lubrication from the grease in the gear case. Gears should be lubricated every 60 to 90 days in accordance with the following procedure:

- 1) Remove the (4) Screws and pry the Gear Case Cover Assembly from the Gear Case-Armature Assembly.
- 2) Wipe out old grease from Gear Case and Cover.
- 3) Place 3 oz. (Cat. Nos. 4044-09, 6102-09) or 4 oz. (Cat. Nos. 4054-09, 4055-09, 4056-09, 6105-09, 6106-09) of Black & Decker Lubricant (Cat. No. 60541 — 1 lb. can) on top of Gear.
- 4) Re-assemble Gear Case Cover Assembly to Gear Case-Armature Assembly **carefully** so that Gear meshes properly with Pinion.

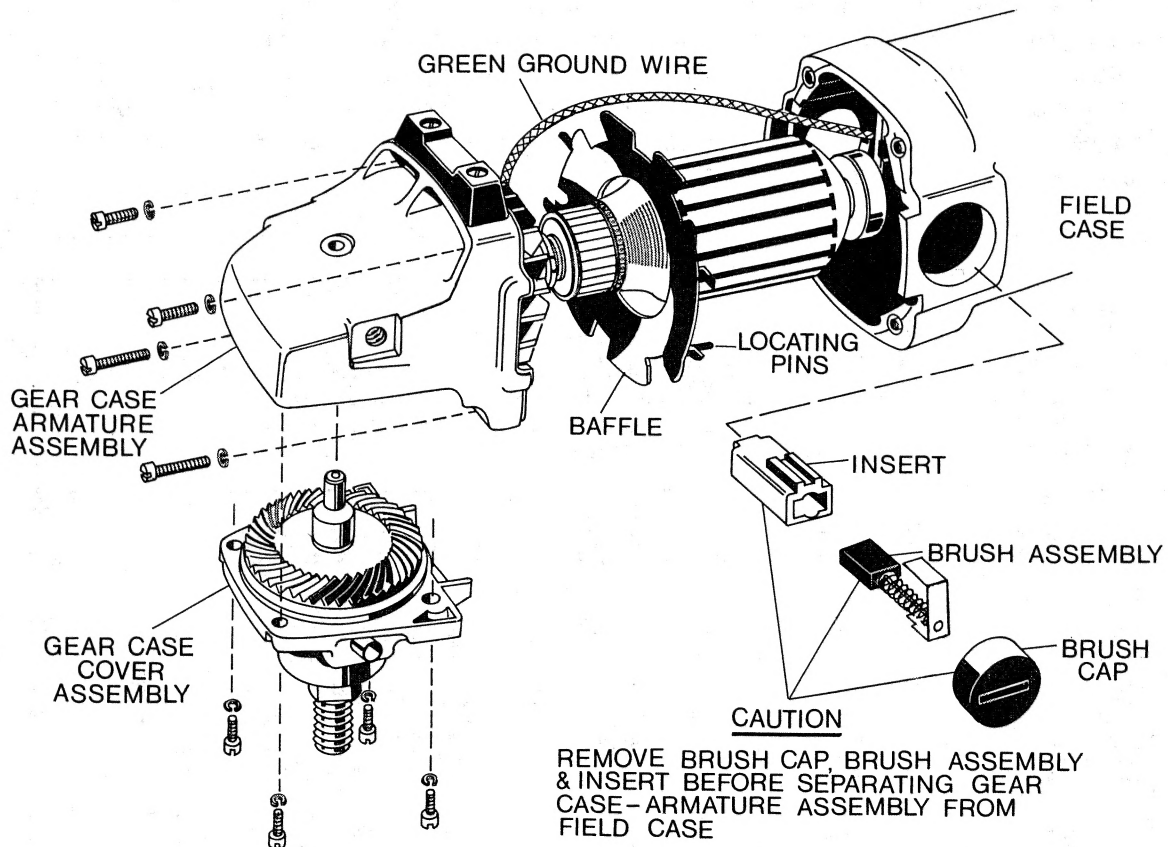


Figure 16

COMMERCIAL/INDUSTRIAL USE WARRANTY

Black & Decker warrants this product for one year from date of purchase. We will repair without charge, any defects due to faulty material or workmanship. Please return the complete unit, transportation prepaid, to any Black & Decker Service Center or Authorized Service Station listed under "Tools Electric" in the yellow pages. This warranty does not apply to accessories or damage caused where repairs have been made or attempted by others.

IMPORTANT!

To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment (excluding maintenance printed in this manual) should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

FACTORY SALES & SERVICE CENTERS

	Area Code	Telephone No.		Area Code	Telephone No.
ALABAMA: Birmingham 35209, 10 Green Springs Highway	205	942-0538	NEBRASKA: Omaha 68102, 2218 Leavenworth Street	402	345-2330
ARIZONA: Phoenix 85004, 537 E. McDowell Rd.	602	258-1332	NEW JERSEY: Paterson (Little Falls) 07424, Rt. 46 East, at Lower Notch Rd.	201	256-9373
ARKANSAS: Little Rock, 72201, 519 West Seventh Street	501	372-3040	Union 07083, 2305 U. S. Highway 22 West (1 Block West of Flagship)	201	964-7040
CALIFORNIA: Anaheim 92602, 1235 So. Euclid Ave.	714	772-4050	NEW MEXICO: Albuquerque 87107, 2812 Candelaria Road N.E.	505	345-2503
Fresno 93703, 2518 North Blackstone Avenue	209	224-2152	NEW YORK: Albany (Latham) 12110, 836 Troy-Schenectady Rd.	518	785-1867
Los Angeles 90007, 2432 S. Broadway	213	749-0371	Buffalo 14209, 881 W. Delavan Ave.	716	884-6220
Oakland (San Leandro) 94578, 15206 E. 14th St.	415	276-1610	Great Neck 11021, 98 Cuttermill Rd. (Sales only)	516	829-9504
Orange 92668, 822 Town and Country Road (Sales only)	714	547-7667	New York 11590, 1059 Old Country Road (Westbury, L.I.)	516	937-6140
Riverside 92506, 4010 Merrill Ave.	714	787-9700	New York 10462, 1894 E. Tremont Avenue (Bronx)	212	792-2700
Sacramento 95814, 1915 Seventeenth Street	916	444-3188	New York 10014, 227 Varick St. (Manhattan)	212	929-6450
San Diego 92105, 3811 El Cajon Blvd.	714	280-3331	New York 11377, 56-15 Queens Blvd. (Woodside)	212	335-1042
Santa Clara 95050, 2291 The Alameda	408	241-9162	Rochester 14623, 2969 West Henrietta Road	716	461-3580
S. San Francisco 94080, P.O. Box 231, 1139 Airport Blvd.	415	871-7278	Syracuse 13224, 2140 Erie Blvd. E.	315	446-3086
Van Nuys 91411, 14920 Victory Blvd.	213	787-5531	Westbury 11590, 1059 Old Country Rd. (L.I.)	516	997-6140
COLORADO: Denver 80219, 1171 South Federal Boulevard	303	922-8325	Yonkers 10710, 2347 Central Park Avenue	914	779-3810
CONNECTICUT: Bridgeport 06603, 1055 Lafayette Circle	203	368-3419	NORTH CAROLINA: Charlotte 28205, 3007 E. Independence Blvd	704	374-1779
Hartford 06114, 131 Meadow Street	203	249-6241	Fayetteville 28302, P.O. Box 424, Highway 301, S.	919	425-9552
DISTRICT OF COLUMBIA: Washington			Greensboro 27403, 1010 W. Lee Street	919	275-0906
Bladensburg, Maryland 20710, 4501 Baltimore Ave.	301	779-3908	Raleigh 27604, 2420 Atlantic Avenue	919	834-8207
Falls Church, Virginia 22046, 129 Annandale Road	703	533-1147	OHIO: Cincinnati 45241, 2310 E. Sharon Rd.	513	772-3111
Rockville, Maryland 20852, 1020 Rockville Pike	301	340-7377	Cleveland 44113, 3901 Detroit Ave.	216	651-4243
FLORIDA: Jacksonville 32208, 5224 Pearl Street	904	356-2951	Columbus 43227, 3975 E. Livingston Ave.	614	237-0461
Miami 33168, 13345 N. W. Seventh Avenue	305	681-6658	Dayton 45409, 2898 South Dixie Drive	513	298-1951
Orlando 32806, 940 S. Orange Ave.	305	423-1651	Toledo 43607, 3231 Dorr St.	419	531-9921
Tampa 33609, 3401 W. Kennedy Blvd.	813	872-8317	OKLAHOMA: Oklahoma City 73106, 1318 Linwood Blvd.	405	232-7515
GEORGIA: Atlanta 30313, 316 Techwood Drive, N.W.	404	524-0431	Tulsa 74145, 3120 South Sheridan Road	918	622-5866
Atlanta 30354, 3271 Hamilton Blvd., S.W. (Sales only)	404	763-1300	OREGON: Portland 97209, 1640 N.W. Johnson Street	503	228-8531
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